

| | Search Text |
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| 1 | 356/338, 437, "337" |
| 2 | ("356/338,437,337").CCLS. |
| 3 | ((("356/338,437,337").CCLS.) and (petroleum or pipeline) and (contaminat\$ or impurit\$)) |
| 4 | ((petroleum or pipeline) and (contaminat\$ or impurit\$)) |
| 5 | ((petroleum or pipeline) same (contaminat\$ or impurit\$)) |
| 6 | ((petroleum or pipeline) same (contaminat\$ or impurit\$)) and (laser or (light adj source)) |
| 7 | ("356/338").CCLS. |
| 8 | ("356/437").CCLS. |
| 9 | ("356/436").CCLS. |
| 10 | ("4540280" "4588893" "5044755" "5048854" "5077431" "5078493" "5140169" "5170056" "5241363" "5303036" "5419814" "5489836" "5495333" "5557415").FN. |
| 11 | petroleum or gas or methane |
| 12 | petroleum or gas or methane or pipeline |
| 13 | housing or enclosure or (slip adj stream) or slip-stream |
| 14 | ((light or laser) same (detector or sensor or ccd or photodetector)) |
| 15 | ((housing or enclosure or (slip adj stream) or slip-stream) same ((light or laser) same (detector or sensor or ccd or photodetector))) |
| 16 | ((petroleum or gas or methane or pipeline) and ((housing or enclosure or (slip adj stream) or slip-stream) same ((light or laser) same (detector or sensor or ccd or photodetector)))) |
| 17 | ((petroleum or gas or methane or pipeline) same ((housing or enclosure or (slip adj stream) or slip-stream) same ((light or laser) same (detector or sensor or ccd or photodetector)))) |

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| 18 | ((petroleum or gas or methane or pipeline) and ((housing or enclosure or slip adj stream) or slip-stream) same (light or laser) same (detector or sensor or ccd or photo detector))) and (contaminant\$ or impurit\$) |
| 19 | (housing or enclosure or (slip adj stream) or slip-stream) near (pipeline or pipe) near (removable or exchange\$) |
| 20 | petroleum same (contaminant\$ or impurit\$) |
| 21 | petroleum near (contaminant\$ or impurit\$) |
| 22 | ((petroleum near (contaminant\$ or impurit\$)) and (pipeline or pipe)) |
| 23 | pipeline or pipe |
| 24 | ((pipeline or pipe) and (housing or enclosure)) |
| 25 | ((pipeline or pipe) and (housing or enclosure)) and (contaminant\$ or impurit\$) |
| 26 | ((((pipeline or pipe) and (housing or enclosure)) and (contaminant\$ or impurit\$)) and (laser or light)) |
| 27 | (housing or enclosure or (slip adj stream) or slip-stream) same (pipeline or pipe) same (removable or exchange\$) |
| 28 | ((housing or enclosure or (slip adj stream) or slip-stream) same (pipeline or pipe) same (removable or exchange\$)) and (petroleum or gas or methane) |
| 29 | ((housing or enclosure or (slip adj stream) or slip-stream) same (pipeline or pipe) same (removable or exchange\$)) and (petroleum or gas or methane)) and (light or laser) |
| 30 | ((((housing or enclosure or (slip adj stream) or slip-stream) same (pipeline or pipe) same (removable or exchange\$)) and (petroleum or gas or methane)) and (light or laser)) and (contaminant\$ or impurit\$ or defect\$) |

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| 31 | ((("3358143") or ("4816695") or ("4940317") or ("5638174") or ("5147850") or ("5181082") or ("5436465"))).PN. |
| 32 | ((petroleum or oil) and (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) |
| 33 | ((petroleum or oil) and (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) and (laser or light) |
| 34 | ("356/70").CCLS. |
| 35 | ((petroleum or oil) and (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) and (laser or light) and ("356/70").CCLS.) |
| 36 | ("156/343,301,339.13").CCLS. |
| 37 | ((((petroleum or oil) and (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) and (laser or light)) and ("156/343,301,339.13").CCLS.) |
| 38 | ((((petroleum or oil) and (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) and (laser or light)) and 356/\$.ccls. |
| 39 | ((petroleum or oil) same (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) |
| 40 | ((((petroleum or oil) and (impurit\$ or contaminat\$) and (wireless or radio or rf or antenna or satellite)) and (laser or light)) and 356/\$.ccls.) and 356/\$.ccls. |
| 41 | ((((petroleum or oil) same (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and 356/\$.ccls. |
| 42 | ((petroleum or oil) same (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and 356/\$.ccls. |
| 43 | ((petroleum or oil) same (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and 340/\$.ccls. |

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| 44 | ((petroleum or oil) NEAR (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and 356\$.ccls. |
| 45 | ((petroleum or oil) NEAR (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and 250\$.ccls. |
| 46 | ((petroleum or oil) NEAR (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and 340\$.ccls. |
| 47 | ((petroleum or oil) NEAR (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite) |
| 48 | ("1991192" "4247784" "4322627" "4551719" "4692023" "4708483" "4748846" "4774403" "4853694" "4890286" "4893933" "5095747" "5144608" "5194747" "5235393" "5344810" "5387289" "5648844").PN. |
| 49 | ((petroleum or oil) NEAR (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and telemers\$ |
| 50 | ((petroleum or oil) NEAR (impurit\$ or contaminat\$)) and (wireless or radio or rf or antenna or satellite)) and telemet\$ |
| 51 | pipeline and (wireless or communications or telemetry) and (sensor\$1 or photodetector\$1 or detector\$1) and (impurit\$ or contaminat\$ or leak\$1) |
| 52 | (petroleum or pipeline) near (contaminat\$ or impurit\$ or leak\$1) |
| 53 | ((petroleum or pipeline) near (contaminat\$ or impurit\$ or leak\$1)) and remote near (process\$ or detection or analysis) |
| 54 | wireless adj communications |
| 55 | (wireless adj communications) and interface and (rf or satellite or antenna) |

| | Search Text |
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| 56 | ((wireless adj communications) and interface and (rf or satellite or antenna)) and (c or basic or matlab or fortran) |
| 57 | (pipeline and wireless or communications or telemetry and sensor\$1 or photodetector\$1 or detector\$1 and impurit\$ or contaminat\$ or leak\$1)) and ((wireless adj communications) and interface and (rf or satellite or antenna)) and (c or basic or matlab or fortran)) |
| 58 | ((petroleum or pipeline) near (contaminat\$ or impurit\$ or leak\$1)) and (((wireless adj communications) and interface and (rf or satellite or antenna)) and (c or basic or matlab or fortran)) |
| 59 | ((wireless adj communications) and interface and (rf or satellite or antenna)) and (c or basic or matlab or fortran)) and (sensor\$1 or photodetector\$1 or detector\$1 and impurit\$ or contaminat\$ or leak\$1) |
| 60 | ((wireless adj communications) and interface and (rf or satellite or antenna)) and (c or basic or matlab or fortran)) and wellbore |
| 61 | ((("5670113") or ("6023223") or ("5597042"))).PN. |
| 62 | ("5670113").PN. |
| 63 | ((("5670113").PN.) and ((control\$ or program\$) near (light or laser))) |